

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	reversible with ceiling with fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 12:55
L2	366	(417/423.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:18
L3	772	(417/423.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:31
L4	829	(417/313).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:49
L5	647	(417/423.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 14:07
L6	144	(417/326).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 14:16
L7	659	(417/410.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 14:33
L8	317	(261/26).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:09
L9	250	(261/88).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:22
L10	398	(261/89).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:35
L11	0	"JUNG-HO-KIM.in. "	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:36
L12	0	JUNG-HO-KIM.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:36
L13	0	JUNG-HO-KIM .in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:36
L14	0	JUNG HO-KIM .in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:37
L15	199	JUNG-HO -KIM.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:52

## EAST Search History

L16	0	JUNG-HO-KIM.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:37
L17	10	JAI-KWON -lee.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:54
L18	1	KYUNG-HO -chai.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/04/18 15:54
S1	470	417/423.15	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 16:06
S2	3	("3935613"   "4127911"   "4422212").PN. OR ("6764248"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 16:57
S3	22	("2116539"   "2278082"   "2633293"   "2857095"   "3120340"   "3306527"   "3500738"   "3667872"   "4424006"   "4483664"   "4954049"   "5404614"   "5658195"   "6244823").PN. OR ("6821095"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 17:00
S4	22	("2116539"   "2278082"   "2633293"   "2857095"   "3120340"   "3306527"   "3500738"   "3667872"   "4424006"   "4483664"   "4954049"   "5404614"   "5658195"   "6244823").PN. OR ("6821095"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 17:00
S5	22	("2116539"   "2278082"   "2633293"   "2857095"   "3120340"   "3306527"   "3500738"   "3667872"   "4424006"   "4483664"   "4954049"   "5404614"   "5658195"   "6244823").PN. OR ("6821095"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 17:05
S6	538	(123/41.65).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 12:29
S7	135	(417/326).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 12:33
S8	601	(417/410.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 12:36
S9	560	(417/423.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 12:53

## EAST Search History

S10	770	(417/313).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 13:22
S11	311	(261/26).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 13:27
S12	247	(261/88).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 13:32
S13	392	(261/89).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 13:58
S14	12	("4839106"   "5338495"   "5620633"   "5667732"   "5715999"   "5752662"   "5837167"   "5843344"   "5904882"   "5965067"   "6216961").PN. OR ("6378845"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 13:36
S15	68	air adj freshner	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 13:58
S16	17	("0074936"   "0234369"   "1785253"   "2867866"   "3930797"   "3990848"   "4383377").PN. OR ("4722264").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 14:00
S17	32	("D318613"   "D335530"   "D419886"   "D432222"   "D433744"   "D437636"   "D444220"   "D447550").PN. OR ("D461885"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 14:25
S18	1	air adj freshner with fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:14
S19	68	air adj freshner	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:14
S20	14	S19 and fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:20
S21	1	("4,301,095").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 10:23
S22	961234	air circu\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:23

## EAST Search History

S23	322889	S22 motor	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:24
S24	67877	S22 motor fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:26
S25	218	S24 olfa\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:44
S26	0	("("20020058595" "20020066798" "20020068009" "20020068010" "20030168751" "20040033171" "3410488" "4549250" "4588874" "4603030" "4629604" "4645353" "4695434" "4714984" "4743406" "5023020" "5071621" "5163616" "5167877" "5220636" "5234162" "5480591" "5565148" "5591409" "5662835" "5805768" "5887118" "5972290" "6024783" "6136277" "6152829" "6179275" "6241944" "6357726" "6390453" "6406004" "6581915" "6712287").PN.").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 10:45
S27	40	("20020058595" "20020066798" "20020068009" "20020068010" "20030168751" "20040033171" "3410488" "4549250" "4588874" "4603030" "4629604" "4645353" "4695434" "4714984" "4743406" "5023020" "5071621" "5163616" "5167877" "5220636" "5234162" "5480591" "5565148" "5591409" "5662835" "5805768" "5887118" "5972290" "6024783" "6136277" "6152829" "6179275" "6241944" "6357726" "6390453" "6406004" "6581915" "6712287").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 10:51
S28	2	((("4,695,434") or ("5,591,409"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 10:51
S29	21	("4212007"   "4319228"   "4344071"   "4408308"   "4510488"   "4549092"   "4823051"   "5015994"   "5045833"   "5349330"   "5386210"   "5586048").PN. OR ("5673022").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:34
S30	2474	plug with multiple sockets	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:35

## EAST Search History

S31	1	("4726784").PN. OR ("6913467"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:37
S32	1	("4726784").PN. OR ("6913467"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:38
S33	11	("2680145"   "3605073"   "4040701"   "4157208"   "4318580"   "4340270"   "4341430"   "4426125").PN. OR ("4726784"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:43
S34	207	"Power switch" with motor with fan	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:47
S35	1	"Conversion switch" with motor with fan	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:47
S36	24	"Conversion switch" with motor	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:47
S37	9	("4083270"   "4142591"   "4328871"   "4361945"   "5366026"   "5563482"   "5701961"   "6341533"   "6520270").PN. OR ("6923268"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 12:49
S38	133	air adj freshener with fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 14:13
S39	2682844	air\$2 or airflow\$4 or airshear\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 14:14
S40	2682844	air\$2 or airflow\$4 or airshear\$4 and freshener with fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 14:15
S41	351	(417/423.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/13 14:16
S42	311	(261/26).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/13 14:26
S43	135	(417/326).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/13 14:55
S44	2	Ceiling fan with bi-directional rotation switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 13:13

## EAST Search History

S45	791	fan bi-directional rotation switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 15:31
S46	8291	reversible adj motor same switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 15:32
S47	509	reversible adj motor same switch fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 15:33
S48	2217	air and fan and plug and automobile	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/14 16:26
S49	356	S48 and accessory	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/14 16:07
S50	17799	personal and fan	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/14 16:27
S51	2109	S50 and car	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/14 16:27
S52	123	fan air (inlet near front) (outlet near (rear or back))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/22 11:13

## EAST Search History

S53	66	("3430602"   "3469555"   "3476072"   "3509721"   "3587511"   "3596626"   "3599595"   "3606857"   "3646903"   "3673978"   "3709186"   "3714920"   "3779199"   "3831546"   "3838654"   "3847107"   "3915111"   "3951097"   "3973392"   "3983833"   "4051679"   "4220110"   "4316722"   "4346662"   "4412500"   "4641559"   "4680017"   "4681508"   "4819576"   "4831297"   "4842560"   "4871332"   "4902254"   "4962718"   "4981099"   "5016553"   "5181478"   "5203274"   "5252875"   "5339761"   "5355827"   "5359958"   "5383801"   "5392871"   "5438947"   "5503100"   "5520137"   "5551369"   "5601047"   "5634419"   "5645008"   "5722864"   "5794558"   "5813358"   "5813361"   "5813887"   "5879207"   "6058872"   "6427618").PN. OR ("6725797"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/23 17:44
S54	1	("6862403").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/23 19:22
S55	683	plug-in lamp timer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/23 19:23
S56	1	plug-in near night lamp same timer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/23 19:24
S57	4	plug-in near night lamp timer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/23 19:25
S58	1	plug near night lamp timer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/23 19:26
S59	1	plug near night lamp timer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/23 19:26
S60	16	("2000985"   "5143438"   "5408396"   "5462930"   "5654552").PN. OR ("5833349").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/23 19:27

## EAST Search History

S61	15613	fan mode convert\$5 switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 12:27
S62	135	fan mode near convert\$5 switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 12:27
S63	20	fan with bi-directional rotation switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 13:13
S64	20	fan with bi-directional rotation switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 13:23
S65	9	("4028745"   "4197594"   "4237560"   "4327451"   "4411030"   "5319811"   "5359736"   "5706525").PN. OR ("6769140").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/26 13:16
S66	0	fan with bi-directional rotation near switch	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/26 13:23